

## CAUTIONS & DISCLAIMER

### CAUTIONS

Mito Red Light® recommends consulting with your healthcare provider prior to use if you believe that you are sensitive to light. Some cold and allergy medications, pain medications, and medications used to treat infection may cause light sensitivity.

We also recommend consulting with your healthcare provider prior to using the light if you are pregnant, have any suspicious or cancerous lesions, or have recently had a steroid injection or use topical steroids.

If you experience discomfort or have a concern about the light, stop use immediately and contact your healthcare provider.

Unplug from outlet when not in use to avoid tripping hazards.

### DISPOSAL

The light should not be disposed of with other household waste. The light requires disposal via a designated collection point for the recycling of electrical waste.

Please recycle your equipment at the time of disposal to help conserve natural resources and protect human health and the environment.

### DISCLAIMER

The statements in this manual have not been evaluated by the Food and Drug Administration (FDA). The information provided is not intended to diagnose, treat, cure, or prevent any disease and should not be construed as medical advice. Our products are low-risk, general wellness / fitness products.

Mito Red Light makes no claims or representations or otherwise warranties regarding the ability of this product to cure any physical or mental conditions. A qualified health professional should always be consulted prior to using this product in regards to any condition that may require medical attention.

### CALIFORNIA PROP 65 REQUIRES THE FOLLOWING NOTICE WARNING:

The enclosed hardware and power cord contain chemicals (such as lead) known to the State of California to cause cancer and birth defects or other reproductive harm. This is true of virtually all power cords and electronics sold in the marketplace at this time. Please wash hands after use.

## CLEANING AND STORAGE

Please follow all applicable regulations for cleaning, disinfecting, and sterilizing, along with the following cleaning instructions:

- Wipe the outer surface using a soft cloth dampened with water, mild soapy water, or isopropyl alcohol.
- For tough stains, use a mild ammonia-based cleaner.
- Do not use abrasive cleaners or solvents, as they can damage the surface or label.
- Do not use a wet sponge or soaking cloth. Excessive cleaning solution may damage the device's electronic components.
- Reconnect the device to the power supply only after all cleaned parts are completely dry.
- Never immerse the device in liquid. Only use a damp cloth to wipe or disinfect the surface.

### Storage

- Store the device in its original packaging. If you need to transport it, repackage it in the original box for protection.
- Keep the device in a clean, well-ventilated area, free from corrosive gases. Avoid direct sunlight and high temperatures.
- After removing the device from extreme storage conditions (high or low temperature/humidity), allow it to sit for at least 2 hours before use.

### Warning Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

# MAINTENANCE

This product is classified as maintenance-free. It does not contain any components that require regular maintenance by the user or manufacturer. However, it is recommended that the device be periodically inspected for proper function and safety by a qualified technician or hospital maintenance professional. The manufacturer can provide supporting technical documentation—such as circuit diagrams and a list of critical components—to assist with inspections.

A thorough inspection should be performed and documented every two years. These evaluations should be reviewed promptly to ensure the device remains in good working condition and continues to meet quality standards.

On rare occasions, customer service may direct you to change the fuse on the back of the panel. Follow these simple directions to change the fuse:

## Fuse Information:

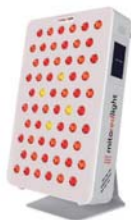
- Type: 5×20mm ceramic tube
- Rating: 10A, 250V
- Location: At the power input (fuse holder near the power cord connection)

## Fuse Replacement Instructions:

1. Turn off the device and unplug the power cord.
2. Use a screwdriver to gently remove the fuse from its holder.
3. Replace with a new fuse of the same type and rating.



# PARAMETERS



**MitoPRO 300X**



**MitoPRO 750X**






















**MitoPRO 1500X**

Dimensions	13"X 10"X 2.5"	23"X10"X3"	43"X10" X 3"
LED Peak Wavelengths	590nm, 630nm, 660nm, 810nm, 830nm and 850nm	590nm, 630nm, 660nm, 810nm, 830nm and 850nm	590nm, 630nm, 660nm, 810nm, 830nm and 850nm
LED Count	60 lens / 120 chip	150 lens / 300 chip	300 lens / 600 chip
*Irradiance at 6 Inches (mW/cm <sup>2</sup> )	>130	>160	>160
**Fluence (Joules/cm <sup>2</sup> /minute)	3.0	3.7	3.7
Weight	7.0 lb	15.0 lb	25.0 lb
Warranty	3 years	3 years	3 years
Lens Beam Angle	60 Degree	60 Degree	60 Degree
Power Consumption	110W	205W	425W
Best Used For	Targeted	Half body	Mostly Full Body

\*Based on consumer level (solar) light meters. For comparison and reference purposes only.

\*\*Based on professional, independent laboratory testing. Can guide dosing in concert with the guidelines in the user manual.

# SAFETY SYMBOLS

Symbol	Description	Symbol	Description
	Manufacturer		Caution: Infrared radiation
	Refer to instruction manual/booklet		Keep dry
	Class II equipment		Fragile - handle with care
	Manufacturer		Do not use this device in a bathtub, shower or water-filled reservoir
	General warning sign		Humidity limit
	Opaque eye protection must be worn		Temperature limit
	Keep away from sunlight		Medical Device
	Serial Number		This way up
	Manufacture Date		
	"WEEE (Waste Electrical and Electronic Equipment)". The waste products should be handled legally.		
	Do not stare at light		

## EMC STATEMENT

1) LED Therapy Light needs special precautions regarding EMC and need to be installed and put into service according to the EMC information provided in the accompanying document;

2) Portable and mobile RF communications equipment can affect LED Therapy Light.

Warning:

3) Don't use near active HF surgical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.

4) Use of accessories, transducers and cables other than those specified or provided by the manufacturer of LED Therapy Light could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

5) Use of LED Therapy Light adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

6) Do not expose the device to the EM emitters, including but not limited to: radio-frequency identification (RFID) readers, security systems (e.g. metal detectors or electronic article surveillance (EAS)), wireless power transfer (WPT), and 5G cellular signals.

7) Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the EQUIPMENT including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

8) If function or performance are affected due to EM disturbances, user should shut down the device and then use it again after moving away from the interference source.



# EMC STATEMENT

**Table 1: Guidance and manufacturer's declaration - electromagnetic emission**

Emissions Test	Compliance
RF emissions CISPR 11	Group 1
RF emissions CISPR 11	Class [B]
Harmonic emissions IEC 61000-3-2	Class A
Voltage fluctuations / flicker emissions IEC 61000-3-3	Comply

**Table 2: Guidance and manufacturer's declaration - electromagnetic Immunity**

Immunity Test	IEC 60601-1-2 Test Level	Compliance Level
Electrostatic discharge	±2kV, ±4kV, ±8kV and ±15kV air	±2kV, ±4kV, ±8kV and ±15kV air
(ESD) IEC 61000-4-2	±8kV contact	±8kV contact
Electrical fast transient/burst IEC 61000-4-4	±2kV for a.c. power lines	±2kV for a.c. power lines
Surge IEC 61000-4-5	±0.5kV, ±1kV (Line-to-line); ±0.5kV, ±1kV, ±2kV (Line-to-ground)	±0.5kV, ±1kV (Line-to-line); ±0.5kV, ±1kV, ±2kV (Line-to-ground)
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% UT: 0.5 cycles, At 0°, 45°, 90°, 135°, 180°, 225°, 270°, 315°; 0% UT: 1 cycle at 0°; 70% UT: 25/30 cycles at 0°; 0% UT: 250/300 cycles;	0% UT: 0.5 cycles, At 0°, 45°, 90°, 135°, 180°, 225°, 270°, 315°; 0% UT: 1 cycle at 0°; 70% UT: 25/30 cycles at 0°; 0% UT: 250/300 cycles;
Power frequency magnetic field IEC 61000-4-8	30A/m	30A/m
Conducted RF IEC 61000-4-6	3Vrms, 0.15 MHz – 80 MHz; 6Vrms in the ISM frequency band	3Vrms, 0.15 MHz – 80 MHz; 6Vrms in the ISM frequency band
Radiated RF IEC 61000-4-3	10 V/m, 80 MHz – 2.7 GHz	10 V/m, 80 MHz – 2.7 GHz
Proximity magnetic fields IEC 61000-4-39	30 kHz: 8A/m; 134.2 kHz: 65A/m; 13.56 MHz: 7.5A/m	30 kHz: 8A/m; 134.2 kHz: 65A/m; 13.56 MHz: 7.5A/m
NOTE UT is the a.c. mains voltage prior to application of the test level.		

# EMC STATEMENT

**Table 3: Guidance and manufacturer's declaration – electromagnetic Immunity**

<b>Radiated RF IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment) IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)</b>	<b>Test Frequency (MHz)</b>	<b>Band (MHz)</b>	<b>Service</b>	<b>Modulation</b>	<b>IMMUNITY TEST LEVEL (V/m)</b>
	385	380 – 390	TETRA 400	Pulse modulation 18 Hz	27
	450	430 – 470	GMRS 460, FRS 460	FM $\pm 5$ kHz deviation, 1 kHz sine	28
	710	704 – 787	LTE Band 13, 17	Pulse modulation 217 Hz	9
	745				
	780				
	810	800 – 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	28
	870				
	930				
	1720	1700 – 1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1, 3, 4, 25, UMTS	Pulse modulation 217 Hz	28
	1845				
	1970				
	2450	2400 – 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	28
	5240	5100 – 5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	9
	5500				
	5785				



# WARRANTY POLICY

## PRODUCT SPECIFIC WARRANTY POLICIES:

### 1 YEAR WARRANTY

Portable Red Light  
Therapy Devices / Flexible  
Red Light Therapy Devices

### 2 YEAR WARRANTY

Mito Red Original 2.0  
MitoMIND

### 3 YEAR WARRANTY

MitoPRO X Series,  
MitoPRO+ Series,  
MitoADAPT 3.0 Series

The Warranties above are valid only to original purchaser if item purchased directly from [www.mitoredlight.com](http://www.mitoredlight.com) or authorized reseller and is non-transferable. The warranty period starts the date the original purchased unit is delivered.

The warranty covers any defects in material or workmanship under normal use during the warranty period. During the warranty period, Mito Red will replace, at no charge, products that prove defective because of improper material or workmanship, under normal use and maintenance.

Mito Red will replace the products at no charge. For the first 180 days, Mito Red will be responsible for all shipping costs related to your request. After the first 180 days, buyer will be responsible for product shipping charges and related coverage while in transit to Mito Red. Please retain the tracking information for proof of delivery to us.

The warranty does not cover any problem that is caused by damage resulting from



your negligence, improper maintenance, improper use, experimental use, or modifications; the warranty does not cover theft or loss of the product.

To obtain warranty service, you must first contact us at [info@mitoredlight.com](mailto:info@mitoredlight.com) to determine the problem and the most appropriate solution for you. You may be asked to provide proof of any defects, and therefore you should maintain photos and videos of any alleged defects.

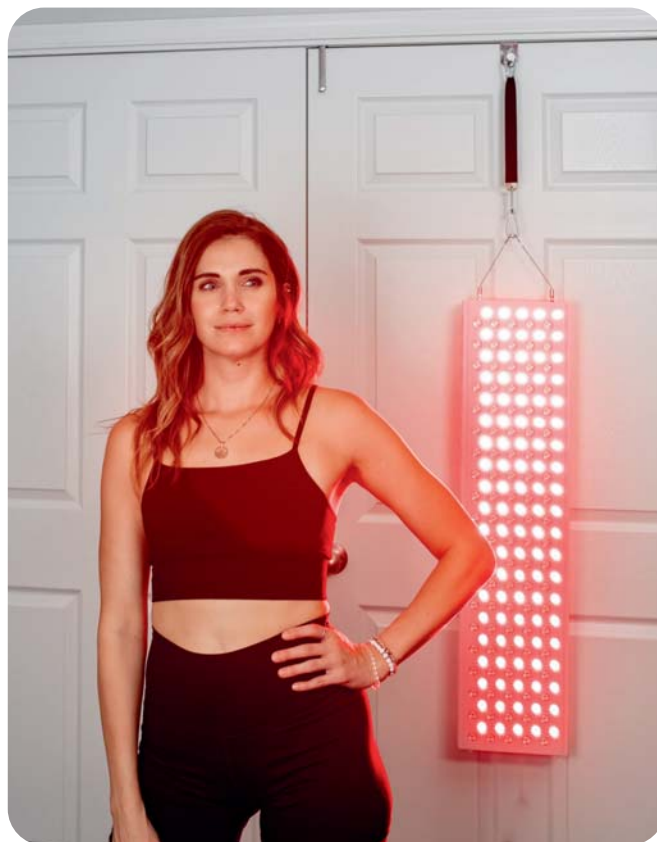
## REFUND POLICY

Mito Red offers a full 60-day trial of all products. The 60-day trial period commences upon customer's receipt of the product. Return shipping is paid by you. We require that returns be sent back in the original packaging to prevent damage in transit. You shall retain the tracking information to provide proof of delivery to Mito Red. Mito Red is not liable for lost or damaged return shipments and we reserve the right to charge for any damages you caused to the product.

Refunds for customers choosing to return during the 60-day trial period are 100% of product cost – any elective expedited shipping costs and international shipping costs are non-refundable.

Returns must note your full name and order number. Returns must be postmarked before the end of the 60-day trial period. Returns after the 60-day trial period will not be accepted.

If the returned product is damaged in any way or returned in an unsellable condition, the shipment will be refused and returned to sender.



### Return Shipping

To return your product, please visit our website FAQ section to initiate a return (RMA).

Once complete our return address is:

Mito Red Light, LLC  
9319 N 94th Way, Suite 400  
Scottsdale, AZ 85258



[www.mitoredlight.com](http://www.mitoredlight.com)



User Manual and Instructional Videos

This user manual and instructional videos can be found here:  
<https://mitoredlight.com/pages/user-manual>

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version 1.0

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